

Title (en)

METHOD, SYSTEM AND APPARATUS FOR ACK/NACK RESOURCE RESERVATION

Title (de)

VERFAHREN, SYSTEM UND VORRICHTUNG ZUR ACK-/NACK-RESSOURCEN-RESERVIERUNG

Title (fr)

PROCÉDÉ, SYSTÈME ET APPAREIL POUR LA RÉSERVATION DE RESSOURCES ACK/NACK

Publication

EP 2469921 A4 20170614 (EN)

Application

EP 10809566 A 20100818

Priority

- CN 200910090953 A 20090818
- CN 2010076101 W 20100818

Abstract (en)

[origin: EP2469921A1] A method, a system and an apparatus for ACK/NACK resource reservation are provided. The method includes: a base station configures and notifies usable uplink control channel resources to a user terminal using transmit diversity for ACK/NACK transmission, said base station receives the ACK/NACK transmitted by the said user terminal on the configured channel resources. The reservation of channel resource that is used in ACK/NACK feedback is realized, and the method for resource reservation supports transmit diversity, and improves the reliability of uplink control channel transmission, and the method is simple and easy to implement.

IPC 8 full level

H04W 28/26 (2009.01)

CPC (source: EP US)

H04L 1/1861 (2013.01 - EP US); **H04L 5/0055** (2013.01 - EP US); **H04L 5/0094** (2013.01 - EP US); **H04B 7/0613** (2013.01 - EP US); **H04L 1/06** (2013.01 - EP US); **H04L 5/001** (2013.01 - EP US); **H04L 5/0023** (2013.01 - EP US); **H04L 5/0082** (2013.01 - EP US)

Citation (search report)

- [XAI] WO 2008111808 A1 20080918 - SAMSUNG ELECTRONICS CO LTD [KR]
- [A] "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures (Release 8)", 3GPP STANDARD; 3GPP TS 36.213, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. V8.6.0, 1 March 2009 (2009-03-01), pages 1 - 80, XP050377561
- See references of WO 2011020433A1

Cited by

EP2903355A4; US10375649B2; US9825837B2; US10263874B2; US10601694B2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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